

Technical Data Sheet
Electric Motor Three phase in Aluminum IE3



L (standard motor)

503

L (motor w/brake)

590

L (motor w/forced ventilation)

630

L (motor without ventilation)

391

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
132	216	178	89	12	38k6	80	10	33	41	M12x28	254	214	265	324	-	-	-	-	-

Electrical Data

Type	PE31/UM3A*	
	132M2-6	
Poles	6/1000	Poles
Power	5.50	Kw
Voltage	400	V
Frequency	50	Hz
Speed	970	rpm
Nominal current	12.02	A
Power factor	0.75	
Efficiency 100%	88.0	%
Efficiency 75%	88.4	%
Efficiency 50%	87.6	%
Torque	54.15	N.m
Ta/Tn	2	
Ia/In	7.1	
Tm/Tn	2.1	

Mechanical Data

Shaft height	132	
Construction form	B3	
Mechanical protection	55	
Heating class	B	
Insulation class	F	
Service	S1	
Ambient temp.	-10°C-40°C	
Altitude	1000	
Noise	73	dB(A)
Weight	66	kg
Bearing DE	6308 2Z C3	
Bearing NDE	6308 2Z C3	

Extra Data

Applicable brakes

DC brake	REB-05-16	Brake torque	80	N.m
AC brake	NA	Brake torque	NA	N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	55	W
Three-phase forced ventilation	Power	55	W

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

Universal Motors SL
C/La Habana n.6 nave 4 Pl Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213